

CLAIMS

1. A water agitation system configured to be positioned within a water retention structure configured to receive and retain water, said system comprising:

a main body positionable within a water retention area of the water retention structure; and

an agitator operatively connected to a motor housed within said main body, said agitator connected to a distal end of a drive shaft that extends outwardly from said main body, said motor configured to rotate said agitator in order to impart motion to water retained within the water retention structure.

2. The water agitation system of claim 1, wherein said water retention structure is a basin of a bird bath.

3. The water agitation system of claim 1, wherein said water retention structure is a livestock water trough.

4. The water agitation system of claim 1, wherein said water retention structure is one of a swimming pool, water tower, and pond.

5. The water agitaiton system of claim 1, wherein said main body comprises a base removably secured to a cover, and an inner compartment defined between said base and cover, said motor being positioned within said inner compartment.

6. The water agitation system of claim 5, further comprising a seal member interposed between said cover and said base.

7. The water agitation system of claim 1, further comprising a support member configured to support said main body above a bottom surface of the water retention structure.

8. The water agitation system of claim 7, wherein the support member comprises a plurality of legs that extend downwardly from said main body.

9. The water agitation system of claim 1, wherein said motor is battery powered.

10. The water agitation system of claim 1, wherein said motor is electrically connected to a standard electrical outlet.

11. The water agitation system of claim 1, further comprising at least one of a switch, timer and sensor for selectively activating and deactivating said motor.

12. The water agitation system of claim 1, wherein said agitator comprises at least one blade extending from a lateral surface of said drive shaft that is rotatably driven by said motor.

13. The water agitation system of claim 1, further comprising a flotation member configured to allow the water circulation system to float within a water retention structure.

14. A water agitation system for use with a water retention structure comprising:

a motor operatively connected to a proximal end of a drive shaft; and

a blade assembly extending outwardly from said drive shaft, said motor operable to rotate said blade assembly in order to impart motion to water retained within the water retention structure.

15. The water agitation system of claim 14, wherein said water retention structure is a basin of a bird bath.

16. The water agitation system of claim 14, wherein said water retention structure is a livestock water trough.

17. The water agitation system of claim 14, wherein said water retention structure is one of a swimming pool, water tower, and pond.

18. The water agitation system of claim 14, further comprising a base removably secured to a cover, and an inner compartment defined between said base and cover, said motor being positioned within said inner compartment.

19. The water agitation system of claim 18, further comprising a seal member interposed between said cover and said base.

20. The water agitation system of claim 14, further comprising a support member configured to support said water agitator above a bottom surface of the water retention structure.

21. The water agitation system of claim 20, wherein the support member comprises a plurality of legs that abut said bottom structure of the water retention area.

22. The water agitation system of claim 14, wherein said motor is battery powered.

23. The water agitation system of claim 14, wherein said motor is electrically connected to a standard electrical outlet.

24. The water agitation system of claim 14, further comprising at least one of a switch, timer and sensor for selectively activating and deactivating said motor.

25. The water agitation system of claim 14, further comprising at least one blade extending from a lateral surface of said drive shaft that is rotatably driven by said motor.

26. The water agitation system of claim 14, further comprising a flotation member configured to allow the water agitation system float within the water retention structure.

27. A water agitation system adapted to be positioned within a water retention structure configured to receive and retain water, said system comprising:

a main body positioned within a water retention area of the water retention structure, said main body having a base removably secured to a cover, and an inner compartment defined between said base and cover,

support members supporting said main body above a bottom surface of the water retention structure; said support members comprising a plurality of legs that extend downwardly from said main body;

an agitator operatively connected to a motor positioned within said inner compartment of said main body, said agitator connected to a distal end of a drive shaft that extends outwardly from said main body, said agitator having at least one blade extending from a lateral surface of said drive shaft that is rotatably driven by said motor in order to impart motion to water retained within the water retention structure.

28. The water agitation system of claim 27, wherein said water retention structure is a basin of a bird bath.

29. The water agitation system of claim 27, wherein said water retention structure is a livestock water trough.

30. The water agitation system of claim 27, wherein said water retention structure is one of a swimming pool, water tower, and pond.

31. The water agitation system of claim 27, further comprising a seal member interposed between said cover and said base.

32. The water agitation system of claim 27, wherein said motor is battery powered.

33. The water agitation system of claim 27, wherein said motor is electrically connected to a standard electrical outlet.

34. The water agitation system of claim 27, further comprising at least one of a switch, timer and sensor for selectively activating and deactivating said motor.

35. A water agitation system adapted to be positioned within a water retention structure configured to receive and retain water, said system comprising:

a main body positioned within a water retention area of the water retention structure, said main body having a base removably secured to a cover, and an inner compartment defined between said base and cover,

a flotation member integrally formed with said base, said flotation member configured to allow said main body to float on water retained within the water retention structure;

an agitator operatively connected to a motor positioned within said inner compartment of said main body, said agitator connected to a distal end of a drive shaft that extends outwardly from said main body, said agitator having at least one blade extending from a lateral surface of said drive shaft that is rotatably driven by said motor in order to impart motion to water retained within the water retention structure.

36. The water agitation system of claim 35, wherein said water retention structure is a basin of a bird bath.

37. The water agitation system of claim 35, wherein said water retention structure is a livestock water trough.

38. The water agitation system of claim 35, wherein said water retention structure is one of a swimming pool, water tower, and pond.

39. The water agitation system of claim 35, further comprising a seal member interposed between said cover and said base.

40. The water agitation system of claim 35, wherein said motor is battery powered.

41. The water agitation system of claim 35, wherein said motor is electrically connected to a standard electrical outlet.

42. The water agitation system of claim 35, further comprising at least one of a switch, timer and sensor for selectively activating and deactivating said motor.

43. A water agitation system configured to be mounted to a portion of a water retention structure configured to receive and retain water, said system comprising:

a main body configured to be supported by one of a portion of the water retention structure and an upright member proximate the water retention structure; and

an agitator operatively connected to a motor housed within said main body, said agitator connected to a distal end of a rotatable member that extends outwardly from said main body, said motor configured to rotate said agitator in order to impart motion to water retained within the water retention structure.

44. The water agitation system of claim 43, wherein said rotatable member is an angled drive shaft.

45. The water agitation system of claim 43, wherein said rotatable member is a flexible wire.

46. The water agitation system of claim 43, wherein said main body is mounted to the portion of the water retention structure through a beam connected to a mounting bracket.

47. The water agitation system of claim 46, wherein said mounting bracket is mounted on one of a portion of the water retention structure and said upright member.

48. The water agitation system of claim 43, wherein said agitator is formed of a buoyant material.

49. The water agitation system of claim 43, wherein said water retention structure is a basin of a bird bath.

50. The water agitation system of claim 43, wherein said water retention structure is a livestock water trough.

51. The water agitation system of claim 43, wherein said water retention structure is one of a swimming pool, water tower, and pond.

52. The water agitation system of claim 43, wherein said main body comprises a base removably secured to a cover, and an inner compartment defined between said base and cover, said motor being positioned within said inner compartment.

53. The water agitation system of claim 52, further comprising a seal member interposed between said cover and said base.

54. The water agitation system of claim 43, wherein said motor is battery powered.

55. The water agitation system of claim 43, wherein said motor is electrically connected to a standard electrical outlet.

56. The water agitation system of claim 43, further comprising at least one of a switch, timer and sensor for selectively activating and deactivating said motor.

57. The water agitation system of claim 43, wherein said agitator comprises at least one blade extending from a lateral surface of said rotatable member that is rotatably driven by said motor.